

What is claimed is:

1. A bipolar battery, comprising:

a bipolar electrode having a positive electrode layer on one side of a collecting foil and a negative electrode layer on the other side of the collecting foil; and

a polymer electrolyte layer disposed between the bipolar electrodes,

wherein an insulation layer is provided on a periphery of at least one side of the collecting foil.

2. A bipolar battery according to claim 1,

wherein the insulation layer provided on the periphery of the collecting foil is protruded outward beyond the collecting foil with a protruding length longer than a thickness of one single cell.

3. A bipolar battery according to claim 1,

wherein the insulation layer provided on the periphery of the collecting foil is at least partially adhered to the collecting foil.

4. A bipolar battery according to claim 1,

wherein the insulation layer is a flexible insulation film.

5. A bipolar battery according to claim 4,

wherein the flexible insulation film is adhesive.

6. A bipolar battery according to claim 4,
wherein the adhesive insulation films adhere together,
partially overlapping in sequence.

7. A bipolar battery according to claim 4,
wherein an adhesive insulation tape further covers the
insulation films so that the insulation films cover the ends
of respective bipolar electrodes.

8. A vehicle, comprising;
A power source having a bipolar battery,
the bipolar battery, comprising: a bipolar electrode
having a positive electrode layer on one side of a collecting
foil and a negative electrode layer on the other side of the
collecting foil; and a polymer electrolyte layer disposed between
the bipolar electrodes,

wherein an insulation layer is provided on a periphery
of at least one side of the collecting foil.